

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **6999**

First Inventor **Michael J. Borden**

Title **Method of Modifying a Volume Mesh
Using Sheet Extraction**

Express Mail Label No. **EV332387125US**

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages **29**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets **15**]
5. Oath or Declaration [Total Pages **2**]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

15956 U.S. PTO
10/601370
06/23/03

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.753(b) Statement *(when there is an assignee)* Power of Attorney
11. English Translation Document *(if applicable)*
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. Nonpublication Request under 35 U.S.C. 122 *(b)(2)(B)(i)*. Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No. _____

Prior application information: Examiner: _____ Group Art: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number **020567**

PATENT & TRADEMARK OFFICE



0205 7

Name (Print/Type)	George H. Libman	Registration No. (Attorney/Agent)	27,984
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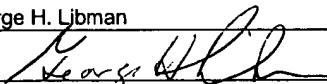
Signature		Date	6-23-03
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FEE TRANSMITTAL FOR FY 2003

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement.
Otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT **(\$1248.00)** **Attorney Docket No.** **SD-6999**

Complete if Known					
Application Number					
Filing Date		6-23-03			
First Named Inventor		Michael J. Borden			
Examiner Name					
Group / Art Unit					
METHOD OF PAYMENT (check one)					
The Commissioner is hereby authorized to charge					
1. <input checked="" type="checkbox"/> indicated fees and credit any over payments to:					
Deposit Account Number		19-0131			
Deposit Account Name		Sandia National Labs			
<input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17					
2. Payment Enclosed:					
<input type="checkbox"/> <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other					
Fee Calculation (continued)					
3. ADDITIONAL FEES					
Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee cover sheet	
1053	130			Non-English specification	
1804	920*			Requesting publication of SIR prior to Examiner action	
1805	1,840			Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510			Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
Total Claims	29	-20**= 9	x 18	= 162	
Independent Claims	7	- 3**= 4	x 84	= 336	
Multiple Dependent					
SUBTOTAL (1) \$ 750					
2. EXTRA CLAIM FEES					
Fee from Extra Claims below Fee Paid					
Total Claims	29	-20**= 9	x 18	= 162	
Independent Claims	7	- 3**= 4	x 84	= 336	
Multiple Dependent					
SUBTOTAL (2) (\$498)					
*or number previously paid, if greater; For Reissues, see below.					
Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	40	Multiple dependent claim, if not paid	
1204	84	2204	42	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (3) (\$)					

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	George H. Libman			Reg. Number	27,984
Signature				Date	6-23-03
Deposit Account User ID					

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

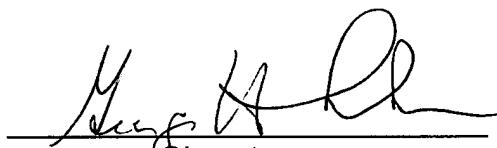
NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)	First Named Inventor		Michael J. Borden
	Title	Method of Modifying a Volume Mesh Using Sheet Extraction	
	Atty Docket Number		SD-6999

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

6-23-03

Date



Signature

George H. Libman
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Application may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**